

County Distribution of Michigan's Federally Threatened, Endangered, Proposed, and Candidate Species

For more information about threatened and endangered species in Michigan, contact the
U.S. Fish & Wildlife Service office at 2651 Coolidge Road, Suite 101,
East Lansing, Michigan 48823 (517/351-6274)

County	Species	Status	Habitat
Alcona	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Alcona	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine
Alcona	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Alcona	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Alger	Canada lynx (<i>Lynx canadensis</i>)	Threatened	A Canada lynx was recently documented in the Upper Peninsula. The counties listed here have the highest potential for Lynx presence: Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, Schoolcraft.
Alger	Gray wolf (<i>Canis lupus</i>)	Threatened	Northern forested areas
Alger	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Alger	Piping plover (<i>Charadrius melodus</i>)	Endangered	Beaches along shorelines of the Great Lakes
Alger	Piping plover (<i>Charadrius melodus</i>)	Critical Habitat Designated	
Alger	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Allegan	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Allegan	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Allegan	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	

County	Species	Status	Habitat
Allegan	Karner blue butterfly (<i>Lycaeides melissa samuelis</i>)	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines (<i>Lupinus perennis</i>), the only known food plant of larvae.
Allegan	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Alpena	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Alpena	Piping plover (<i>Charadrius melodus</i>)	Endangered	Beaches along shorelines of the Great Lakes
Alpena	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Alpena	Hine's emerald dragonfly (<i>Somatochlora hineana</i>)	Endangered	Spring fed wetlands, wet meadows and marshes; calcareous streams & associated wetlands overlying dolomite bedrock
Alpena	Dwarf lake iris (<i>Iris lacustris</i>)	Threatened	Partially shaded sandy-gravelly soils on lakeshores
Alpena	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Antrim	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Antrim	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Antrim	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Arenac	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Arenac	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Arenac	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Baraga	Canada lynx (<i>Lynx canadensis</i>)	Threatened	A Canada lynx was recently documented in the Upper Peninsula. The counties listed here have the highest potential for Lynx presence: Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, Schoolcraft.
Baraga	Gray wolf (<i>Canis lupus</i>)	Threatened	Northern forested areas
Baraga	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water

County	Species	Status	Habitat
Baraga	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine
Barry	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Barry	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Barry	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Barry	Mitchell's satyr butterfly (<i>Neonympha mitchellii mitchellii</i>)	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs
Bay	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Bay	Eastern prairie fringed orchid (<i>Plantathera leucophaea</i>)	Threatened	Mesic to wet prairies and meadows
Benzie	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Benzie	Piping plover (<i>Charadrius melodus</i>)	Endangered	Beaches along shorelines of the Great Lakes
Benzie	Piping plover (<i>Charadrius melodus</i>)	Critical Habitat Designated	
Benzie	Michigan monkey-flower (<i>Mimulus glabratus</i> var. <i>michiganensis</i>)	Endangered	Soils saturated with cold flowing spring water; found along seepages, streams and lakeshores
Benzie	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Berrien	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Berrien	Piping plover (<i>Charadrius melodus</i>)	Endangered	Beaches along shorelines of the Great Lakes
Berrien	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	

County	Species	Status	Habitat
Berrien	Mitchell's satyr butterfly (<i>Neonympha mitchellii mitchellii</i>)	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs
Berrien	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Berrien	Small whorled pogonia (<i>Isotria medeoloides</i>)	Threatened	Dry woodland; upland sites in mixed forests (second or third growth stage)
Branch	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Branch	Copperbelly water snake (<i>Nerodia erythrogaster neglecta</i>)	Threatened	Wooded and permanently wet areas such as oxbows, sloughs, brushy ditches and floodplain woods
Branch	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Branch	Mitchell's satyr butterfly (<i>Neonympha mitchellii mitchellii</i>)	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs
Calhoun	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Calhoun	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Calhoun	Copperbelly water snake (<i>Nerodia erythrogaster neglecta</i>)	Threatened	Wooded and permanently wet areas such as oxbows, sloughs, brushy ditches and floodplain woods
Calhoun	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Cass	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.

County	Species	Status	Habitat
Cass	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Cass	Mitchell's satyr butterfly (<i>Neonympha mitchellii mitchellii</i>)	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs
Charlevoix	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Charlevoix	Piping plover (<i>Charadrius melodus</i>)	Endangered	Beaches along shorelines of the Great Lakes
Charlevoix	Piping plover (<i>Charadrius melodus</i>)	Critical Habitat Designated	
Charlevoix	Dwarf lake iris (<i>Iris lacustris</i>)	Threatened	Partially shaded sandy-gravelly soils on lakeshores
Charlevoix	Houghton's goldenrod (<i>Solidago houghtonii</i>)	Threatened	Sandy flats along Great Lakes shores
Charlevoix	Michigan monkey-flower (<i>Mimulus glabratus</i> var. <i>michiganensis</i>)	Endangered	Soils saturated with cold flowing spring water; found along seepages, streams and lakeshores
Charlevoix	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Cheboygan	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Cheboygan	Piping plover (<i>Charadrius melodus</i>)	Endangered	Beaches along shorelines of the Great Lakes
Cheboygan	Piping plover (<i>Charadrius melodus</i>)	Critical Habitat Designated	
Cheboygan	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Cheboygan	Dwarf lake iris (<i>Iris lacustris</i>)	Threatened	Partially shaded sandy-gravelly soils on lakeshores
Cheboygan	Eastern prairie fringed orchid (<i>Plantathera leucophaea</i>)	Threatened	Mesic to wet prairies and meadows
Cheboygan	Houghton's goldenrod (<i>Solidago houghtonii</i>)	Threatened	Sandy flats along Great Lakes shores
Cheboygan	Michigan monkey-flower (<i>Mimulus glabratus</i> var. <i>michiganensis</i>)	Endangered	Soils saturated with cold flowing spring water; found along seepages, streams and lakeshores
Cheboygan	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas

County	Species	Status	Habitat
Chippewa	Canada lynx (<i>Lynx canadensis</i>)	Threatened	A Canada lynx was recently documented in the Upper Peninsula. The counties listed here have the highest potential for Lynx presence: Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, Schoolcraft.
	Gray wolf (<i>Canis lupus</i>)	Threatened	Northern forested areas
	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine
	Piping plover (<i>Charadrius melodus</i>)	Endangered	Beaches along shorelines of the Great Lakes
	Piping plover (<i>Charadrius melodus</i>)	Critical Habitat Designated	
	American hart's tongue fern (<i>Pyllitis scolopendrium</i> var. <i>americana</i>)	Threatened	Cool limestone sinkholes in mature hardwood forest
	Dwarf lake iris (<i>Iris lacustris</i>)	Threatened	Partially shaded sandy-gravelly soils on lakeshores
	Houghton's goldenrod (<i>Solidago houghtonii</i>)	Threatened	Sandy flats along Great Lakes shores
	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Clare	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Clare	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Clare	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine
Clinton	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Clinton	Prairie fringed orchid (<i>Plantathera leucophaea</i>)	Threatened	Mesic to wet prairies and meadows
Crawford	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Crawford	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine
Crawford	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	

County	Species	Status	Habitat
Crawford	Houghton's goldenrod (<i>Solidago houghtonii</i>)	Threatened	Sandy flats along Great Lakes shores
Delta	Canada lynx (<i>Lynx canadensis</i>)	Threatened	A Canada lynx was recently documented in the Upper Peninsula. The counties listed here have the highest potential for Lynx presence: Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, Schoolcraft.
Delta	Gray wolf (<i>Canis lupus</i>)	Threatened	Northern forested areas
Delta	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Delta	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine
Delta	Piping plover (<i>Charadrius melodus</i>)	Endangered	Beaches along shorelines of the Great Lakes
Delta	Dwarf lake iris (<i>Iris lacustris</i>)	Threatened	Partially shaded sandy-gravelly soils on lakeshores
Delta	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Dickinson	Canada lynx (<i>Lynx canadensis</i>)	Threatened	A Canada lynx was recently documented in the Upper Peninsula. The counties listed here have the highest potential for Lynx presence: Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, Schoolcraft.
Dickinson	Gray wolf (<i>Canis lupus</i>)	Threatened	Northern forested areas
Dickinson	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Eaton	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Eaton	Copperbelly water snake (<i>Nerodia erythrogaster neglecta</i>)	Threatened	Wooded and permanently wet areas such as oxbows, sloughs, brushy ditches and floodplain woods
Eaton	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	

County	Species	Status	Habitat
Eaton	Prairie fringed orchid (<i>Plantathera leucophaea</i>)	Threatened	Mesic to wet prairies and meadows
Emmett	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Emmett	Piping plover (<i>Charadrius melodus</i>)	Endangered	Beaches along shorelines of the Great Lakes
Emmett	Piping plover (<i>Charadrius melodus</i>)	Critical Habitat Designated	
Emmett	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Emmett	Hungerford's crawling water beetle (<i>Brychius hungerfordi</i>)	Endangered	Cool riffles of clean, slightly alkaline streams; known to occur in only 3 isolated locations
Emmett	Dwarf lake iris (<i>Iris lacustris</i>)	Threatened	Partially shaded sandy-gravelly soils on lakeshores
Emmett	Houghton's goldenrod (<i>Solidago houghtonii</i>)	Threatened	Sandy flats along Great Lakes shores
Emmett	Michigan monkey-flower (<i>Mimulus glabratus</i> var. <i>michiganensis</i>)	Endangered	Soils saturated with cold flowing spring water; found along seepages, streams and lakeshores
Emmett	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Genesee	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
	East prairie fringed orchid (<i>Plantathera leucophaea</i>)	Threatened	Mesic to wet prairies and meadows
Gladwin	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Gogebic	Canada lynx (<i>Lynx canadensis</i>)	Threatened	A Canada lynx was recently documented in the Upper Peninsula. The counties listed here have the highest potential for Lynx presence: Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, Schoolcraft.
Gogebic	Gray wolf (<i>Canis lupus</i>)	Threatened	Northern forested areas
Gogebic	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Grand Traverse	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Grand Traverse	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine

County	Species	Status	Habitat
Grand Traverse	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Grand Traverse	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Gratiot	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
	Eastern prairie fringed orchid (<i>Plantathera leucophaea</i>)	Threatened	Mesic to wet prairies and meadows
Hillsdale	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Hillsdale	Copperbelly water snake (<i>Nerodia erythrogaster neglecta</i>)	Threatened	Wooded and permanently wet areas such as oxbows, sloughs, brushy ditches and floodplain woods
Hillsdale	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Hillsdale	Clubshell (<i>Pleurobema clava</i>)	Endangered	Found in coarse sand and gravel areas of runs and riffles within streams and small rivers
Hillsdale	Rayed bean (<i>Villosa fabalis</i>)	Candidate	
Houghton	Canada lynx (<i>Lynx canadensis</i>)	Threatened	A Canada lynx was recently documented in the Upper Peninsula. The counties listed here have the highest potential for Lynx presence: Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, Schoolcraft.
Houghton	Gray wolf (<i>Canis lupus</i>)	Threatened	Northern forested areas
Houghton	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Houghton	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Houghton	Eastern prairie fringed orchid (<i>Plantathera leucophaea</i>)	Threatened	Mesic to wet prairies and meadows
Huron	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water

County	Species	Status	Habitat
Huron	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Huron	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Huron	Eastern prairie fringed orchid (<i>Plantathera leucophaea</i>)	Threatened	Mesic to wet prairies and meadows
Ingham	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Ingham	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Ionia	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Ionia	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Ionia	Karner blue butterfly (<i>Lycaeides melissa samuelis</i>)	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines (<i>Lupinus perennis</i>), the only known food plant of larvae.
Iosco	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Iosco	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine
Iosco	Piping plover (<i>Charadrius melodus</i>)	Endangered	Beaches along shorelines of the Great Lakes
Iosco	Piping plover (<i>Charadrius melodus</i>)	Critical Habitat Designated	
Iosco	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Iosco	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas

County	Species	Status	Habitat
Iron	Canada lynx (<i>Lynx canadensis</i>)	Threatened	A Canada lynx was recently documented in the Upper Peninsula. The counties listed here have the highest potential for Lynx presence: Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, Schoolcraft.
	Gray wolf (<i>Canis lupus</i>)	Threatened	Northern forested areas
Jackson	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
	Mitchell's satyr butterfly (<i>Neonympha mitchellii mitchellii</i>)	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs
Kalamazoo	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Kalamazoo	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Kalamazoo	Mitchell's satyr butterfly (<i>Neonympha mitchellii mitchellii</i>)	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs
Kalkaska	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Kalkaska	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine
Kalkaska	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Kalkaska	Houghton's goldenrod (<i>Solidago houghtonii</i>)	Threatened	Sandy flats along Great Lakes shores

County	Species	Status	Habitat
Kent	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Kent	Karner blue butterfly (<i>Lycaeides melissa samuelis</i>)	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines (<i>Lupinus perennis</i>), the only known food plant of larvae.
Keweenaw	Canada lynx (<i>Lynx canadensis</i>)	Threatened	Northern forested areas. This county has potential for lynx to be present; however, there has been no recent data indicating lynx currently reside in this county. A Canada lynx was recently documented in the Upper Peninsula. The counties listed here have the highest potential for Lynx presence: Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, Schoolcraft.
Keweenaw	Gray wolf (<i>Canis lupus</i>)	Threatened	Northern forested areas
Keweenaw	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Lake	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Lake	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Lake	Karner blue butterfly (<i>Lycaeides melissa samuelis</i>)	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines (<i>Lupinus perennis</i>), the only known food plant of larvae.
Lapeer	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Lapeer	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Leelanau	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Leelanau	Piping plover (<i>Charadrius melodus</i>)	Endangered	Beaches along shorelines of the Great Lakes
Leelanau	Piping plover (<i>Charadrius melodus</i>)	Critical Habitat Designated	
Leelanau	Michigan monkey-flower (<i>Mimulus glabratus</i> var. <i>michiganensis</i>)	Endangered	Soils saturated with cold flowing spring water; found along seepages, streams and lakeshores

County	Species	Status	Habitat
Leelanau	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Lenawee	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Lenawee	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Lenawee	Rayed bean (<i>Villosa fabalis</i>)	Candidate	
Livingston	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Livingston	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Livingston	Eastern prairie fringed orchid (<i>Plantathera leucophaea</i>)	Threatened	Mesic to wet prairies and meadows
Luce	Canada lynx (<i>Lynx canadensis</i>)	Threatened	A Canada lynx was recently documented in the Upper Peninsula. The counties listed here have the highest potential for Lynx presence: Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, Schoolcraft.
Luce	Gray wolf (<i>Canis lupus</i>)	Threatened	Northern forested areas
Luce	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Luce	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine
Luce	Piping plover (<i>Charadrius melodus</i>)	Endangered	Beaches along shorelines of the Great Lakes
Luce	Piping plover (<i>Charadrius melodus</i>)	Critical Habitat Designated	

County	Species	Status	Habitat
Mackinac	Canada lynx (<i>Lynx canadensis</i>)	Threatened	A Canada lynx was recently documented in the Upper Peninsula. The counties listed here have the highest potential for Lynx presence: Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, Schoolcraft.
Mackinac	Gray wolf (<i>Canis lupus</i>)	Threatened	Northern forested areas
Mackinac	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Mackinac	Piping plover (<i>Charadrius melodus</i>)	Endangered	Beaches along shorelines of the Great Lakes
Mackinac	Piping plover (<i>Charadrius melodus</i>)	Critical Habitat Designated	
Mackinac	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Mackinac	Hine's emerald dragonfly (<i>Somatochlora hineana</i>)	Endangered	Spring fed wetlands, wet meadows and marshes; calcareous streams & associated wetlands overlying dolomite bedrock
Mackinac	American hart's tongue fern (<i>Pyllitis scolopendrium</i> var. <i>americana</i>)	Threatened	Cool limestone sinkholes in mature hardwood forest
Mackinac	Dwarf lake iris (<i>Iris lacustris</i>)	Threatened	Partially shaded sandy-gravelly soils on lakeshores
Mackinac	Houghton's goldenrod (<i>Solidago houghtonii</i>)	Threatened	Sandy flats along Great Lakes shores
Mackinac	Lakeside daisy (<i>Hymenoxys herbacea</i>)	Threatened	Dry gravelly or sandy thin-soiled fields and alvars with dolomitic or limestone bedrock at or near the surface
Mackinac	Michigan monkey-flower (<i>Mimulus glabratus</i> var. <i>michiganensis</i>)	Endangered	Soils saturated with cold flowing spring water; found along seepages, streams and lakeshores
Mackinac	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Macomb	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Macomb	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	

County	Species	Status	Habitat
Macomb	Rayed Bean Mussel (<i>Villosa fabalis</i>)	Candidate	Clinton River
Manistee	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Manistee	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Manistee	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Manistee	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Marquette	Canada lynx (<i>Lynx canadensis</i>)	Threatened	A Canada lynx was recently documented in the Upper Peninsula. The counties listed here have the highest potential for Lynx presence: Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, Schoolcraft.
Marquette	Gray wolf (<i>Canis lupus</i>)	Threatened	Northern forested areas
Marquette	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Marquette	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine
Mason	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Mason	Piping plover (<i>Charadrius melodus</i>)	Endangered	Beaches along shorelines of the Great Lakes
Mason	Piping plover (<i>Charadrius melodus</i>)	Critical Habitat Designated	
Mason	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Mason	Karner blue butterfly (<i>Lycaeides melissa samuelis</i>)	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines (<i>Lupinus perennis</i>), the only known food plant of larvae.
Mason	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Mecosta	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water

County	Species	Status	Habitat
Mecosta	Karner blue butterfly (<i>Lycaeides melissa samuelis</i>)	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines (<i>Lupinus perennis</i>), the only known food plant of larvae.
Menominee	Canada lynx (<i>Lynx canadensis</i>)	Threatened	A Canada lynx was recently documented in the Upper Peninsula. The counties listed here have the highest potential for Lynx presence: Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, Schoolcraft.
	Gray wolf (<i>Canis lupus</i>)	Threatened	Northern forested areas
	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
	Dwarf lake iris (<i>Iris lacustris</i>)	Threatened	Partially shaded sandy-gravelly soils on lakeshores
Midland	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Missaukee	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Monroe	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Monroe	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Monroe	Karner blue butterfly (<i>Lycaeides melissa samuelis</i>)	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines (<i>Lupinus perennis</i>), the only known food plant of larvae.
Monroe	Northern riffleshell (<i>Dysnomia torulosa rangiana</i>)	Endangered	Large streams and small rivers in firm sand of riffle areas; also occurs in Lake Erie
Monroe	Rayed bean (<i>Villosa fabalis</i>)	Candidate	
Monroe	Eastern prairie fringed orchid (<i>Plantathera leucophaea</i>)	Threatened	Mesic to wet prairies and meadows

County	Species	Status	Habitat
Montcalm	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Montcalm	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Montcalm	Karner blue butterfly (<i>Lycaeides melissa samuelis</i>)	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines (<i>Lupinus perennis</i>), the only known food plant of larvae.
Montmorency	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Montmorency	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine
Montmorency	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Montmorency	Hungerford's crawling water beetle (<i>Brychius hungerfordi</i>)	Endangered	Cool riffles of clean, slightly alkaline streams; known to occur in only 3 isolated locations
Muskegon	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Muskegon	Piping plover (<i>Charadrius melodus</i>)	Endangered	Beaches along shorelines of the Great Lakes
Muskegon	Piping plover (<i>Charadrius melodus</i>)	Critical Habitat Designated	
Muskegon	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Muskegon	Karner blue butterfly (<i>Lycaeides melissa samuelis</i>)	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines (<i>Lupinus perennis</i>), the only known food plant of larvae.
Muskegon	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Newaygo	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Newaygo	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Newaygo	Karner blue butterfly (<i>Lycaeides melissa samuelis</i>)	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines (<i>Lupinus perennis</i>), the only known food plant of larvae.

County	Species	Status	Habitat
Oakland	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Oakland	Copperbelly water snake (<i>Nerodia erythrogaster neglecta</i>)	Threatened	Wooded and permanently wet areas such as oxbows, sloughs, brushy ditches and floodplain woods
Oakland	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Oakland	Rayed Bean Mussel (<i>Villosa fabalis</i>)	Candidate	Clinton River
Oceana	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Oceana	Karner blue butterfly (<i>Lycaeides melissa samuelis</i>)	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines (<i>Lupinus perennis</i>), the only known food plant of larvae.
Oceana	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Ogemaw	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Ogemaw	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine
Ontonagon	Canada lynx (<i>Lynx canadensis</i>)	Threatened	A Canada lynx was recently documented in the Upper Peninsula. The counties listed here have the highest potential for Lynx presence: Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, Schoolcraft.
Ontonagon	Gray wolf (<i>Canis lupus</i>)	Threatened	Northern forested areas
Ontonagon	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Osceola	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Oscoda	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine

County	Species	Status	Habitat
	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Otsego	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Otsego	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine
Ottawa	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Ottawa	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Presque Isle	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Presque Isle	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine
Presque Isle	Piping plover (<i>Charadrius melodus</i>)	Endangered	Beaches along shorelines of the Great Lakes
Presque Isle	Piping plover (<i>Charadrius melodus</i>)	Critical Habitat Designated	
Presque Isle	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Presque Isle	Hine's emerald dragonfly (<i>Somatochlora hineana</i>)	Endangered	Spring fed wetlands, wet meadows and marshes; calcareous streams & associated wetlands overlying dolomite bedrock
Presque Isle	Dwarf lake iris (<i>Iris lacustris</i>)	Threatened	Partially shaded sandy-gravelly soils on lakeshores
Presque Isle	Houghton's goldenrod (<i>Solidago houghtonii</i>)	Threatened	Sandy flats along Great Lakes shores
Presque Isle	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Roscommon	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Roscommon	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine
Saginaw	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Saginaw	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Saginaw	Eastern prairie fringed orchid (<i>Plantathera leucophaea</i>)	Threatened	Mesic to wet prairies and meadows

County	Species	Status	Habitat
Sanilac	Northern riffleshell (<i>Dysnomia torulosa rangiana</i>)	Endangered	Large streams and small rivers in firm sand of riffle areas; also occurs in Lake Erie
Schoolcraft	Canada lynx (<i>Lynx canadensis</i>)	Threatened	A Canada lynx was recently documented in the Upper Peninsula. The counties listed here have the highest potential for Lynx presence: Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, Schoolcraft.
Schoolcraft	Gray wolf (<i>Canis lupus</i>)	Threatened	Northern forested areas
Schoolcraft	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Schoolcraft	Kirtland's warbler (<i>Dendroica kirtlandii</i>)	Endangered	Nests in young stands of jack pine
Schoolcraft	Piping plover (<i>Charadrius melodus</i>)	Endangered	Beaches along shorelines of the Great Lakes
Schoolcraft	Piping plover (<i>Charadrius melodus</i>)	Critical Habitat Designated	
Schoolcraft	Dwarf lake iris (<i>Iris lacustris</i>)	Threatened	Partially shaded sandy-gravelly soils on lakeshores
Schoolcraft	Houghton's goldenrod (<i>Solidago houghtonii</i>)	Threatened	Sandy flats along Great Lakes shores
Schoolcraft	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
St. Clair	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
St. Clair	Rayed Bean Mussel (<i>Villosa fabalis</i>)	Candidate	Belle, Black, and Pine Rivers
St. Clair	Eastern prairie fringed orchid (<i>Plantathera leucophaea</i>)	Threatened	Mesic to wet prairies and meadows
St. Joseph	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Copperbelly water snake (<i>Nerodia erythrogaster neglecta</i>)	Threatened	Wooded and permanently wet areas such as oxbows, sloughs, brushy ditches and floodplain woods
	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	

County	Species	Status	Habitat
	Mitchell's satyr butterfly (<i>Neonympha mitchellii mitchellii</i>)	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs
	Eastern prairie fringed orchid (<i>Plantathera leucophaea</i>)	Threatened	Mesic to wet prairies and meadows
Shiawassee	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Tuscola	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
	Eastern prairie fringed orchid (<i>Plantathera leucophaea</i>)	Threatened	Mesic to wet prairies and meadows
Van Buren	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Van Buren	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Van Buren	Mitchell's satyr butterfly (<i>Neonympha mitchellii mitchellii</i>)	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs
Van Buren	Pitcher's thistle (<i>Cirsium pitcheri</i>)	Threatened	Stabilized dunes and blowout areas
Washtenaw	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Washtenaw	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Washtenaw	Mitchell's satyr butterfly (<i>Neonympha mitchellii mitchellii</i>)	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs

County	Species	Status	Habitat
Washtenaw	Eastern Prairie fringed orchid (<i>Plantathera leucophaea</i>)	Threatened	Mesic to wet prairies and meadows
Wayne	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Wayne	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water
Wayne	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Wayne	Northern riffleshell (<i>Dysnomia torulosa rangiana</i>)	Endangered	Large streams and small rivers in firm sand of riffle areas; also occurs in Lake Erie
	Rayed bean (<i>Villosa fabalis</i>)	Candidate	
Wayne	Eastern prairie fringed orchid (<i>Plantathera leucophaea</i>)	Threatened	Mesic to wet prairies and meadows
Wexford	Bald eagle (<i>Haliaeetus leucocephalus</i>)	Threatened	Mature forest near water

Revised November 2004